Networking (DUN)

Blue Manager supports Dial-up Networking by utilising virtual COM ports in lieu of physical modems or physical COM ports. To use Dial-up Networking you simply use Microsoft Windows' DUN utility in conjunction with a COM port associated with the virtual modem. This will work for analogue, ISDN, ADSL, Cable and mobile phones including GPRS and GSM.
Note: You must start Blue Manager first

Setting up your DUN connection

1. Right click on 'My Network Places' and then click on 'properties'. This will bring you into the 'Network Connections' screen. You will now see that, as part of the installation of Blue Manager, three additional connections have been created:
- (Dial-up: - Bluetooth Dial-up Connection);
- (Dial-up: - Bluetooth GPRS Connection);
- (Direct: - Bluetooth LAN Connection Client)

2. Right click on Bluetooth Dial-up Connection...
and click on 'Properties'. The 'Standard 56000bps V90 Modem' (ComX) check box should be selected. (The 'phone number' will default to 0 and the 'Use dialing rules' option will be unchecked.) We recommend selecting 'Use dialing rules' to save confusion later on; then input the 'Area code', 'Phone Number' and 'Country/ region code' of your ISP. Click 'OK'.

3. Double click on 'Bluetooth Dial-up Connection'
and a dialogue box will appear asking you for a 'User name' and 'Password', these are the ones supplied by your ISP.
(The user name, password and phone number can normally be copied from any existing modem connection you have with your current ISP.)

4. If you want to connect now then click 'Dial'.

**** PLEASE NOTE THIS NEXT ITEM ****

5. A Blue Manager selection window will either pop up or will flash in the Task Bar.
Open the window, select your phone / modem and click 'OK'. Wait until dialing and authentication are complete.

6. You are now connected to the Internet. You can browse the web or read your email as you would normally.

7. Remember to close the connection when you are finished.

8. Automatic dialing is supported but watch out for stage 5; sometimes it appears hidden on the Task Bar.

9. You may want to create a short-cut to the DUN connection you've just configured for ease of use later.

Using your DUN connection

1. Click on the short-cut or Bluetooth Dial-up Connection'
2. Open the selection window and select your phone/modem
2. Wait until the link is established
3. Use your email or web browser as normal.

Mobile Phones and GPRS

The instructions above apply to mobile phones as well as remote modems on other computers. For GPRS it is normally only the Username, Password and Number that differ. E.g. for Vodafone you typically use: Username: 'web', Password: 'web' and Number: '*99#'.

Mobile Phone PC Suites

Blue Manager version 3.1C is suitable for most Bluetooth phones and PC Suites except Nokia 6.0 and above. Check the support section on the PMR or EskTech web sites for separate user guides.

For Nokia PC Suites you should use Windows XP SP2 drivers.

PMR also supplies Widcomm software with certain Retail packs. Please check the 3.5" CD supplied with your adapter. Widcomm version is 1.4.2
PMR also supplies Mobile Phone Tools application s/w with certain USB products. The latest version is now 3.15 and has an updated list of compatible phones. Please email for more information

Note 2: Windows XP SP 2 SwitchDriver utility

If you require to switch between the Blue Manager driver and Microsoft's own Bluetooth driver please use Windigo's utility SwitchDriver.zip on the CDROM or available from the Windigo, PMR and EskTech web sites.

CUSTOMER SERVICE INFORMATION

For other PMR Bluetooth products or support, please contact us
PMR Technology Ltd Web: www.pmrtechnology.co.uk
Email: support@pmrtechnology.co.uk

or EskTech Ltd (Windigo European Support Centre)
Web: www.esktech.com/support
Email: support@esktech.com

or your local supplier or representative

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Version QSGBM31V-Ver14

Portability Mobility WiReless

Blue Manager Quick Start Guide

for Bluetooth USB Adapters

powered by Windigo SYSTEMS

Introduction

Win XP Service Pack 2 users – please read Note 1

This guide assumes that you are familiar with PC hardware, installing software from a CD-ROM, mobile phone configuration and possibly even Bluetooth. If not please see the User Manual on the CDROM.

The PMR Bluetooth USB dongle allows you to make wireless connections between your computer and other computers, mobile phones, PDAs or any Bluetooth device which supports compatible services. For example, even with your mobile phone in your pocket or in your briefcase, you can still use your laptop or PDA to make data calls and pick up your email or surf The Internet. Provided your laptop (or PDA) and your mobile phone have been "paired" and they are within a few metres of each other, they will be able to connect together.

Note 1: IMPORTANT- Windows XP Service Pack 2

If you are running Windows XP SP2 then you may NOT need to install the Windigo Blue Manager software supplied on the CDROM. Windows XP SP2 has built-in Bluetooth drivers and application software that will recognize the dongle. **If you DO want to use Windows XP SP2 driver then you can ignore the rest of this Quick Start Guide** and see the following link for an example of using the Nokia6230: www.esktech.com/WinXPSP2NokiaPCSuite.pdf

If you want to use **BOTH** Blue Manager and the XP SP2 Bluetooth driver (not at the same time) then Windigo supply a small **SwitchDriver** utility to help you manage the drivers. See Note 2.
If you **DON'T** want to use the Windows XP SP2 driver at all or you want to use **BOTH** then continue to the next section below.

Audio profile: XP SP2 driver does NOT support Headset profile. If you wish to connect to your Bluetooth Headset for VOIP applications please use Blue Manager software.

What kind of PC do you need?

Any recent PC with a USB Port and the following operating system:
* Windows XP / Windows XP Professional
* Windows 2000
* Windows ME / Windows 98 (2nd Edition only)

Get started – Install Blue Manager on your PC

1. Don't plug your Bluetooth device in yet!
Start by installing the Blue Manager software from the CD or from a download. If it does not start automatically then find the file "Setup.exe" or "XTNDConnect Blue Manager.exe" and double-click on it. Follow the on-screen instructions accepting the defaults or the choices to suit your mobile phone.

2. Choose your language and click Next

3. Blue Manager prompts you to plug in the adapter
Blue Manager will detect that your USB or PCMCIA adapter is not plugged in to your computer and ask you to plug it in. Don't worry if you don't have it to hand. Just continue and plug it in later.

4. Restart your computer

Connect a mobile phone/PDA/computer

5. Prepare the other (remote) Bluetooth device
Not only must your PC be within range of other Bluetooth devices but those devices must be configured to allow connections (i.e. be 'Discoverable' from your PC).

6. Start the main Bluetooth software on your PC
Start the XTNDConnect Blue Manager application (double-click on the new shortcut on your desktop).

7. Checking it's working and the driver

If the installation is OK you should see a version of the above icon in your System Tray (bottom right-hand corner of your PC screen) like this:

If the adapter is not plugged in correctly or there is a problem with the driver you might see the same icon but with a red cross on it like this:

7. Checking it's working and the driver (XP SP2 users only)
If you are trying to use Blue Manager and nothing appears to be happening it's probably because the Windows XP SP2 Bluetooth driver has grabbed control of the Windigo Bluetooth USB adapter. Use the Windigo SwitchDriver utility (on your CDROM or available as a free download) to swap the driver and let you continue.

8. Discovering devices.
You should now see a Bluetooth icon in your system tray and the Blue Manager window should appear. Blue Manager will automatically search for 'In range' devices. If no devices were displayed on startup then check the configuration of the remote devices and click on the Refresh icon.

9. Trusting/Pairing/Bonding
If Bluetooth security has been selected on the remote device then, before you can connect to and use the services on that device, you should 'Trust' it and ensure that it Trusts your PC with Blue Manager. This is usually only one operation. You may need to find out the PIN code used by the remote device. To trust a remote device, use Blue Manager to right-click on the device icon and select Trust Device. Enter the PIN code for the remote device. The words (Trusted) should now appear on the status column. You may need to accept a prompt and enter the PIN number on the remote device too.

Note: PIN Numbers If the device you are trusting does not have a pre-assigned code, then normally you can create your own 4 digit code (e.g. '1234'). You must use the same four digit code for both devices in order to trust.
Please note for PMR Headsets the pre-assigned code is 0000

10. Discovering Services
Once you have some remote devices in the Blue Manager window you can find out what services those devices offer by right-clicking on the device and selecting Display Services.

11. Configuring Blue Manager
Open the settings dialogue box using: Tools/ Options/Settings. Change settings as required.

Services

At the time of writing, Blue Manager 3.1C directly supports the following services:
Dialup Networking, LAN Access Using PPP, OBEX File Transfer, OBEX Object Push, Serial Port, Audio

Other services may be configured through COM ports. See the online help in Blue Manager itself – expand the 'Contents/XTND Connect Blue Manager for Windows' help section. See also the User Manual as well as other EskTech guides at: www.esktech.com/support

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Using Blue Manager

1. Default folders
Operations such as Browse, Send File, Get File and Exchange Business Cards use default folders and locations selected under Tools/Options/Settings.

2. Browse Folders
If a remote device has shared folders then this operation will allow you to view the files and folders within the remote shared folder. Right-click on the device you want to browse and select Browse Folders.

3. Exchange Business Cards
Right-click on a remote device and select Exchange Business Cards. Business cards will be placed in default folders locally and on the remote device. Prepare business cards first.

4. Send File to / Get File …
This operation allows you to send or receive files and folders between your PC and the remote device. If no folder on the remote device is open then any sent files will be placed in the Inbox of the remote device. You can also simply drag and drop files or Copy and Paste.

5. New Folder
Note that new folders are created in the current directory.

6. Find Device
If you know the Bluetooth address of a device that you would like to connect to without searching through a lot of addresses then this option allows a direct search.